

Custodial, Labor and Trades Branch
Skilled Trades Series
Machinist Series

MACHINIST

08/85

CHARACTERISTICS OF THE CLASS:

Under general supervision, performs a variety of skilled machinist work: and performs related work as required.

EXAMPLES OF DUTIES:

Operates milling machine, lathe, drill press, grinders, drum lathe, hydraulic presses and related standard machine shop tools and equipment; makes drive shaft sleeves, packing glands, bearing housings, check valve shafts, motor and pump nuts; builds up worn shafts, sleeves, bearing housing with metalizing process and machines them to correct size; disassembles and assembles various components; builds screws and bolts with standard and special threads for pump equipment; rebuilds hydraulic cylinders; builds up sprockets, rollers, idlers with welding rod; makes major complete repairs on pumping equipment; reforms welding duties as required.

MINIMUM QUALIFICATIONS:

Training and Experience: Graduation from high school, G.E.D., or completion of vocational training, and five years of experience as a Journeyman Machinist including two years of welding experience; or an equivalent combination of training and experience.

Knowledge, Abilities and Skills: Good knowledge of the standard practices, materials, methods, tools and equipment common to the machinist trade; good knowledge of the occupational hazards and safety precautions of the trade.

Ability to interpret and work from plans, sketches, blueprints and worn or broken parts; ability to do precision work; ability to establish and maintain effective working relationships with other employees.

Skill in the use and care of the standard tools and equipment of the machinist trade and in the operation and care of machines and equipment used; operation of a motor vehicle through city traffic.

Physical Requirements: Lift and carry heavy objects (50 - 100) pounds); work with close tolerances, in confined area; mobility within shop area.

Licenses and Certificates: Texas Class "B" Driver's License.

Director of Personnel

Department Head